

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	45	(US-20040101668-\$ or US-20050074597-\$ or US-20060029809-\$ or US-20030001410-\$ or US-20030087075-\$ or US-20040094976-\$ or US-20050095375-\$ or US-20010037607-\$ or US-20050035609-\$ or US-20020177470-\$ or US-20020058764-\$ or US-20030087973-\$).did. or (US-6332731-\$ or US-5962073-\$ or US-6288144-\$ or US-6455138-\$ or US-RE28506-\$ or US-6013351-\$ or US-4220681-\$ or US-4313985-\$ or US-4429020-\$ or US-6068424-\$ or US-6808224-\$ or US-6305129-\$ or US-5833889-\$ or US-5741446-\$ or US-6139088-\$ or US-5928727-\$ or US-6233875-\$ or US-6841107-\$ or US-3895468-\$ or US-4603153-\$ or US-6321441-\$ or US-5220541-\$ or US-6695939-\$ or US-6682811-\$ or US-4241129-\$ or US-4113295-\$).did. or (US-6538620-\$).did. or (WO-100382-\$).did. or (JP-55072413-\$ or JP-2002361795-\$ or JP-06335941-\$ or JP-55003972-\$).did. or (JP-01114407-\$).did.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/11/08 21:06
L2	2	L1 and (thermal adj expansion)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/11/08 21:07
L3	6	L1 and coefficient	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/11/08 21:08
L4	1	L1 and CTE	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/11/08 21:10
L5	11	(automobile and trim).ti,ab, clm. and CTE	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/11/08 21:11

L6	72	metal with polymer with CTE	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/11/08 21:21
L7	0	(metal adj layer) with (polymer adj layer) with CTE	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/11/08 21:21
L8	12	metal with polymer with CTE with layer	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/11/08 21:22
L9	11	((automobile car) and trim).ti, ab, clm. and CTE	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/11/08 21:23
L10	11	((automobile car) and metal and polymer).ti, ab, clm. and CTE	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/11/08 21:23
L11	307	((automobile car) and metal and polymer).ti, ab, clm. and (coefficient CTE (thermal adj expansion))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/11/08 21:24
L12	12	((automobile car) and metal and polymer).ti, ab, clm. and ((coefficient CTE (thermal adj expansion)) with metal with polymer)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/11/08 21:25
L13	3	(injection adj mold).ti, ab, clm. and ((coefficient CTE (thermal adj expansion)) with metal with polymer)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/11/08 21:29
L14	25	(injection adj mold) and ((coefficient CTE (thermal adj expansion)) with metal with polymer)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/11/08 21:29
L15	28	(injection adj mold) and ((coefficient CTE expansion (thermal adj expansion)) with metal with polymer)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/11/08 21:31
L16	24	((automobile car) and CTE).ti, ab, clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/11/08 21:39
L17	25	296/146.7, 1.08, 1.07.ccls. and (coefficient CTE (thermal adj expansion))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/11/08 21:47
L18	76	428/31.ccls. and (coefficient CTE (thermal adj expansion))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/11/08 21:57
S55	2398	(automobile car truck).ab, ti, clm. and (metal and resin).ab, ti, clm.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/11/07 18:39
S56	159	(automobile car truck).ab, ti, clm. and (metal and resin).ab, ti, clm. and trim	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/11/07 18:39

S57	104	(automobile car truck).ab,ti,clm. and (metal and resin).ab,ti,clm. and trim.ab,ti,clm.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/11/07 18:39
S58	24	(automobile car truck).ab,ti,clm. and (metal and resin).ab,ti,clm. and (glass adj3 filled)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/11/07 18:39
S59	12	(automobile car truck).ab,ti,clm. and (metal and resin).ab,ti,clm. and trim and ((glass adj4 filled) (glass adj4 nylon) (filled adj4 nylon))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/11/07 18:39
S60	39	(automobile car truck) and (metal and resin).ab,ti,clm. and ((glass adj4 filled) (glass adj4 nylon) (filled adj4 nylon)).ti,ab,clm.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/11/07 18:39
S61	16	296/146.7,1.08,1.07.ccls. and ((metal aluminum) and (polyamide resin nylon (glass adj fiber) (glass adj4 filled) (glass adj4 nylon) (filled adj4 nylon))).ti,ab,clm.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/11/07 18:39
S62	91	(296/146.7,1.08,1.07.ccls. and ((metal aluminum) and (polyamide resin nylon (glass adj fiber) (glass adj4 filled) (glass adj4 nylon) (filled adj4 nylon)))) not S61	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/11/07 18:39
S63	0	296/146.7,1.08,1.07.ccls. and aluminum and ((glass adj fiber) (glass adj4 filled) (glass adj4 nylon) (filled adj4 nylon)) not (S61 S62)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/11/07 18:39
S64	17	296/146.7,1.08,1.07.ccls. and ((glass adj fiber) (glass adj4 filled) (glass adj4 nylon) (filled adj4 nylon)) not (S61 S62)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/11/07 18:39
S65	159	(automobile car truck).ab,ti,clm. and (metal and resin).ab,ti,clm. and trim	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/11/07 18:39
S66	104	(automobile car truck).ab,ti,clm. and (metal and resin).ab,ti,clm. and trim.ab,ti,clm.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/11/07 18:39
S67	24	(automobile car truck).ab,ti,clm. and (metal and resin).ab,ti,clm. and (glass adj3 filled)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/11/07 18:39
S68	12	(automobile car truck).ab,ti,clm. and (metal and resin).ab,ti,clm. and trim and ((glass adj4 filled) (glass adj4 nylon) (filled adj4 nylon))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/11/07 18:39

S69	39	(automobile car truck) and (metal and resin).ab,ti,clm. and ((glass adj4 filled) (glass adj4 nylon) (filled adj4 nylon)).ti,ab,clm.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/11/07 18:39
S70	16	296/146.7,1.08,1.07.ccls. and ((metal aluminum) and (polyamide resin nylon (glass adj fiber) (glass adj4 filled) (glass adj4 nylon) (filled adj4 nylon))).ti,ab,clm.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/11/07 18:39
S71	91	(296/146.7,1.08,1.07.ccls. and ((metal aluminum) and (polyamide resin nylon (glass adj fiber) (glass adj4 filled) (glass adj4 nylon) (filled adj4 nylon)))) not S70	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/11/07 18:39
S72	0	296/146.7,1.08,1.07.ccls. and aluminum and ((glass adj fiber) (glass adj4 filled) (glass adj4 nylon) (filled adj4 nylon)) not (S70 S71)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/11/07 18:39
S73	17	296/146.7,1.08,1.07.ccls. and ((glass adj fiber) (glass adj4 filled) (glass adj4 nylon) (filled adj4 nylon)) not (S70 S71)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/11/07 18:39
S74	4492	((aluminum metal) and (("30%" "%" "wt%") with ((glass adj fiber) (glass adj4 filled) (glass adj4 nylon) (filled adj4 nylon)))) not (S65 S66 S67 S68 S69 S70 S71 S72 S73)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/11/07 18:39
S75	1430	((aluminum metal) and (polyamide resin nylon thermoplastic) and adhesive and (("30%" "%" "wt%") with ((glass adj fiber) (glass adj4 filled) (glass adj4 nylon) (filled adj4 nylon)))) not (S65 S66 S67 S68 S69 S70 S71 S72 S73)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/11/07 18:39
S76	98	((aluminum metal) with (polyamide resin nylon thermoplastic) with adhesive) and (("30%" "%" "wt%") with ((glass adj fiber) (glass adj4 filled) (glass adj4 nylon) (filled adj4 nylon)))) not (S65 S66 S67 S68 S69 S70 S71 S72 S73)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/11/07 18:39

S77	216	((aluminum metal) with (polyamide resin nylon thermoplastic) with adhesive) and (color colored pigment) and (transparent clear) and opaque and (automobile automotive car truck)) not (S65 S66 S67 S68 S69 S70 S71 S72 S73 S76)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/11/07 18:39
S78	13	(US-20010037607-\$ or US-20030087075-\$ or US-20040101668-\$ or US-20050074597-\$ or US-20050095375-\$ or US-20050035609-\$ or US-20030001410-\$ or US-20040094976-\$).did. or (US-4220681-\$ or US-4313985-\$ or US-4429020-\$ or US-5741446-\$ or US-5928727-\$ or US-5962073-\$ or US-6068424-\$ or US-6139088-\$ or US-6233875-\$ or US-6288144-\$ or US-6332731-\$ or US-6841107-\$ or US-6808224-\$ or US-6305129-\$ or US-5833889-\$).did. or (JP-06335941-\$ or JP-2002361795-\$ or JP-55072413-\$).did.	US-PGPUB; USPAT; JPO	OR	ON	2009/11/07 18:39
S79	0	(transparent clear) and opaque and S78	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/11/07 18:39
S80	21	("3118781"   "3916048"   "4101698"   "4115619"   "4188358"   "4211822"   "4215170"   "4403004"   "4407871"   "4431711"   "4503189"   "4713143"   "5174434"   "5198272"   "5284679"   "5290625"   "5320869"   "5384161"   "5464661"   "5468518").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/07 18:39
S81	12	((("4734230") or ("4923539") or ("5133912") or ("5411688") or ("5824251") or ("5919324") or ("5925847") or ("6391232") or ("6422640") or ("6447706") or ("6464917") or ("6479006"))).PN.	USPAT	OR	OFF	2009/11/07 18:39
S82	4	S78 and hole\$.ti,ab,clm.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/11/07 18:39
S83	3	S78 and (through adj hole\$.ti, ab,clm.)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/11/07 18:39

S84	27	((aluminum metal) and (polyamide resin nylon thermoplastic) and adhesive and (through adj hole\$.ti,ab, clm.) and (("30%" "%" "wt%") with ((glass adj fiber) (glass adj4 filled) (glass adj4 nylon) (filled adj4 nylon)))) not (S65 S66 S67 S68 S69 S70 S71 S72 S73)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/11/07 18:39
S85	129	(aluminum metal) and (polyamide resin nylon thermoplastic) and (through adj hole\$.ti,ab,clm.) and (automobile automotive car truck) and trim	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/11/07 18:39
S86	1257	in-mold adj decorat\$	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/11/07 18:39
S87	520	(aluminum metal) and (polyamide resin nylon thermoplastic) and S86	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/11/07 18:39
S88	3	((aluminum metal) and (polyamide resin nylon thermoplastic) and adhesive and (("30%" "%" "wt%") with ((glass adj fiber) (glass adj4 filled) (glass adj4 nylon) (filled adj4 nylon)))) and S86	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/11/07 18:39
S89	2	"6824321".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/11/07 18:39
S90	16	("4500758"   "4818829"   "5374449"   "5666112"   "5669486"   "5797482"   "5815139"   "5871088"   "6035180"   "6061446"   "6148075"   "6369801"   "6373008"   "6402579"   "6512827"   "6750414").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/07 18:39
S91	4	"4460205".pn. "20020058764".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/11/07 18:39
S92	202	((aluminum metal) and (polyamide resin nylon thermoplastic) and (("30%" "%" "wt%") with ((glass adj fiber) (glass adj4 filled) (glass adj4 nylon) (filled adj4 nylon)))) and trim	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/11/07 18:39

S93	139	(aluminum and (polyamide resin nylon thermoplastic) and (("30%" "wt%") with ((glass adj fiber) (glass adj4 filled) (glass adj4 nylon) (filled adj4 nylon)))) and trim	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/11/07 18:39
S94	4	grefenstein.inv. and knoll.inv.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/11/07 18:39
S95	6	"4499662"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/11/07 18:39
S96	20	("4317011"   "4326930"   "4400595"   "4461934"   "4499662"   "4532575"   "4620075"   "4633050"   "4714804"   "4771143"   "4801768"   "4847452"   "4870751"   "4876145"   "5193668"   "5397867"   "5467068"   "5561278"   "5655826"   "5734137").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/07 18:39
S97	86	watch with feature with face	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/11/07 18:39
S98	24	(US-20040101668-\$ or US-20050074597-\$ or US-20060029809-\$ or US-20030001410-\$ or US-20030087075-\$ or US-20040094976-\$ or US-20050095375-\$ or US-20010037607-\$ or US-20050035609-\$ or US-20020177470-\$ or US-20020058764-\$ or US-20030087973-\$).did. or (US-6332731-\$ or US-5962073-\$ or US-6288144-\$ or US-6455138-\$ or US-RE28506-\$ or US-6013351-\$ or US-4220681-\$ or US-4313985-\$ or US-4429020-\$ or US-6068424-\$ or US-6808224-\$ or US-6305129-\$ or US-5833889-\$ or US-5741446-\$ or US-6139088-\$ or US-5928727-\$ or US-6233875-\$ or US-6841107-\$ or US-3895468-\$ or US-4603153-\$ or US-6321441-\$ or US-5220541-\$).did. or (WO-100382-\$).did. or (JP-55072413-\$ or JP-2002361795-\$ or JP-06335941-\$).did.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/11/07 18:39

S99	1	(hot with melt) and S98	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/11/07 18:39
S100	137	(hot near3 melt) and (automobile near3 trim)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/11/07 18:39
S101	25	("4317011"   "4326930"   "4400595"   "4461934"   "4499662"   "4532575"   "4620075"   "4633050"   "4714804"   "4771143"   "4801768"   "4847452"   "4870751"   "4876145"   "5193668"   "5397867"   "5467068"   "5561278"   "5655826"   "5734137").PN. OR ("6321441").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/07 18:39
S102	1	("20060029809").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/11/07 18:39
S103	0	(phone adj cover) with metal with skin	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/11/07 18:39
S104	3	(phone adj cover) with metal with (plastic resin)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/11/07 18:39
S105	22	(phone near5 cover) with metal with (plastic resin)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/11/07 18:39
S106	2	("4193848"   "6335906").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/07 18:39
S107	18	(phone near5 cover).ti. and (metal with (plastic resin))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/11/07 18:39
S108	1	(55/003972).APP.	JPO	OR	OFF	2009/11/07 18:39

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